



Traffic Safety Facts Ohio 2003-2007



This Report Contains Data From the Following Sources:
Fatality Data - NCSA Fatality Analysis Reporting System (FARS)
FARS Data: 2003-2006 Final File and 2007 Annual Report File (ARF)
Observed Safety Belt Data - NCSA National Occupant Protection Use Survey (NOPUS) and the Ohio State Survey
Vehicle Miles of Travel Data and Motorcycle Registrations - Federal Highway Administration (FHWA)
Population Data - U.S. Bureau of the Census



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Fatality Rates: Ohio , U.S. and Best State

Year		Fatalities	Total Vehicle Miles Traveled (Millions)	Fatalities Per 100 Million Vehicle Miles Traveled	Total Population	Fatalities Per 100,000 Population
2003	Ohio	1,274	108,938	1.17	11,435,980	11.14
	US	42,884	2,890,450	1.48	290,447,644	14.76
	Best State*			0.83		7.18
2004	Ohio	1,286	111,654	1.15	11,452,808	11.23
	US	42,836	2,964,788	1.44	293,191,511	14.61
	Best State*			0.87		7.40
2005	Ohio	1,321	110,491	1.20	11,459,776	11.53
	US	43,510	2,989,430	1.46	295,895,897	14.70
	Best State*			0.80		6.86
2006	Ohio	1,238	111,247	1.11	11,463,513	10.80
	US	42,708	3,014,116	1.42	298,754,819	14.30
	Best State*			0.78		6.32
2007	Ohio	1,257			11,466,917	10.96
	US	41,059	2,996,409	1.37	301,621,157	13.61
	Best State*					6.47

*State (or States) With Lowest Rates: [Lowest VMT and Population Rates Could Be in Different States](#)

[2007 State Vehicle Miles Traveled \(VMT\) Data is Currently Not Available. 2007 National VMT is a Preliminary Estimate and Subject to Change](#)

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Alcohol-Related Fatalities: Ohio , U.S. and Best State (Old Definition)

Year		Total Fatalities in all Crashes	Alcohol-Related Fatalities**				Alcohol-Related Fatalities (BAC = .08+) Per 100 Million VMT
			BAC = .01+		BAC = .08+		
			Number	Percent	Number	Percent	
2003	Ohio	1,274	466	37	401	31	0.37
	US	42,884	17,105	40	14,678	34	0.51
	Best State*			15		13	0.16
2004	Ohio	1,286	492	38	417	32	0.37
	US	42,836	16,919	39	14,593	34	0.49
	Best State*			25		21	0.27
2005	Ohio	1,321	519	39	419	32	0.38
	US	43,510	17,590	40	15,102	35	0.51
	Best State*			14		13	0.14
2006	Ohio	1,238	495	40	415	34	0.37
	US	42,708	17,738	42	15,144	35	0.50
	Best State*			24		20	0.22
2007	Ohio	1,257	504	40	419	33	
	US	41,059	17,036	41	14,575	35	0.49
	Best State*			23		19	

*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers, Motorcycle Riders, Pedalcyclists and Pedestrians

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Alcohol-Impaired Driving Fatalities: Ohio , U.S. and Best State (New Definition)

Year		Total Fatalities in all Crashes	Alcohol-Impaired Driving Fatalities (BAC = .08+)**		Alcohol-Impaired Driving Fatalities (BAC = .08+) Per 100 Million VMT
			Number	Percent	
2003	Ohio	1,274	370	29	0.34
	US	42,884	13,096	31	0.45
	Best State*			12	0.15
2004	Ohio	1,286	392	31	0.35
	US	42,836	13,099	31	0.44
	Best State*			20	0.25
2005	Ohio	1,321	395	30	0.36
	US	43,510	13,582	31	0.45
	Best State*			12	0.13
2006	Ohio	1,238	386	31	0.35
	US	42,708	13,491	32	0.45
	Best State*			19	0.20
2007	Ohio	1,257	391	31	
	US	41,059	12,998	32	0.43
	Best State*			17	

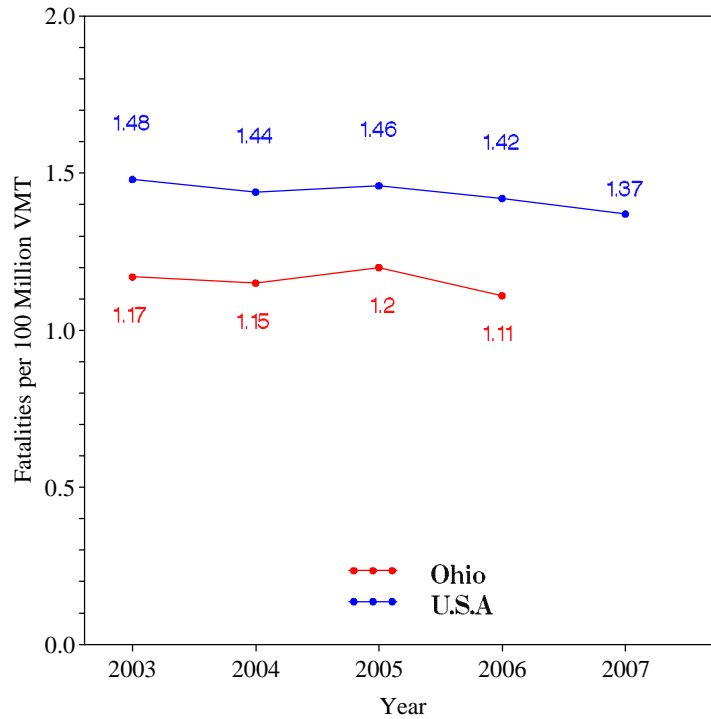
*State (or States) With Lowest Percents: Lowest Percents Could Be in Different States

**Includes BAC of All Involved Drivers and Motorcycle Riders Only

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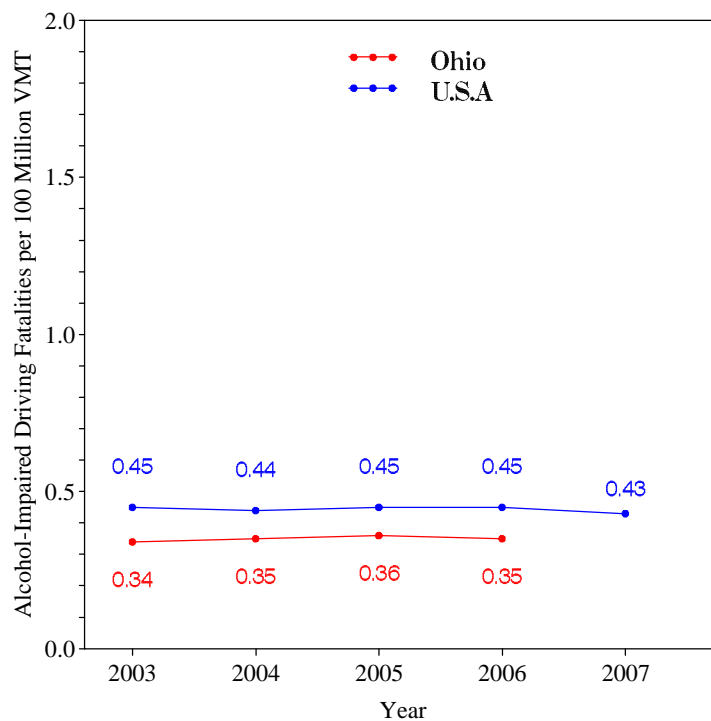


Fatalities per 100 Million VMT: Ohio and U.S



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Alcohol-Impaired Driving Fatalities per 100 Million VMT: Ohio and U.S



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Blood Alcohol Concentration (BAC) Reporting Rates For Drivers/Motorcycle Riders (Operators) Involved in Fatal Crashes: Ohio , U.S. and Best State

Year		Surviving Drivers/Motorcycle Riders			Killed Drivers/Motorcycle Riders			Total Drivers/Motorcycle Riders		
		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS		Total	With Blood Alcohol Concentration (BAC) Results Reported to FARS	
			Number	Percent		Number	Percent		Number	Percent
2003	Ohio	407	169	42	642	607	95	1,049	776	74
	US	51,793	12,358	24	32,471	22,718	70	84,264	35,076	42
	Best State*			87			98			89
2004	Ohio	395	218	55	644	588	91	1,039	806	78
	US	51,440	12,277	24	32,596	21,984	67	84,036	34,261	41
	Best State*			84			97			90
2005	Ohio	428	187	44	679	605	89	1,107	792	72
	US	51,791	10,963	21	33,288	22,436	67	85,079	33,399	39
	Best State*			89			98			91
2006	Ohio	352	164	47	668	597	89	1,020	761	75
	US	49,884	11,028	22	32,940	22,531	68	82,824	33,559	41
	Best State*			86			100			87
2007	Ohio	356	165	46	677	617	91	1,033	782	76
	US	47,786	9,975	21	31,867	20,261	64	79,653	30,236	38
	Best State*			84			97			86

*State (or States) With Highest Percents: Highest Percents Could Be in Different States

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Passenger Vehicle Occupant Fatalities by Restraint Use: Ohio , U.S. and Best State

Year		Total Passenger Vehicle Occupant Fatalities	Total Passenger Vehicle Occupant Fatalities Restrained**		Observed Passenger Vehicle Occupant Restraint Use in all Traffic***
		Number	Number	Percent	Percent
2003	Ohio	988	381	39	75
	US	32,271	14,075	44	79
	Best State*			64	95
2004	Ohio	981	390	40	74
	US	31,866	14,225	45	80
	Best State*			68	95
2005	Ohio	1,006	422	42	79
	US	31,549	14,061	45	82
	Best State*			68	95
2006	Ohio	913	397	43	82
	US	30,686	13,760	45	81
	Best State*			66	96
2007	Ohio	909	372	41	82
	US	28,933	13,306	46	82
	Best State*			64	98

*State With Highest Percent. Fatal Crash and Observed Percents Can Be Different States

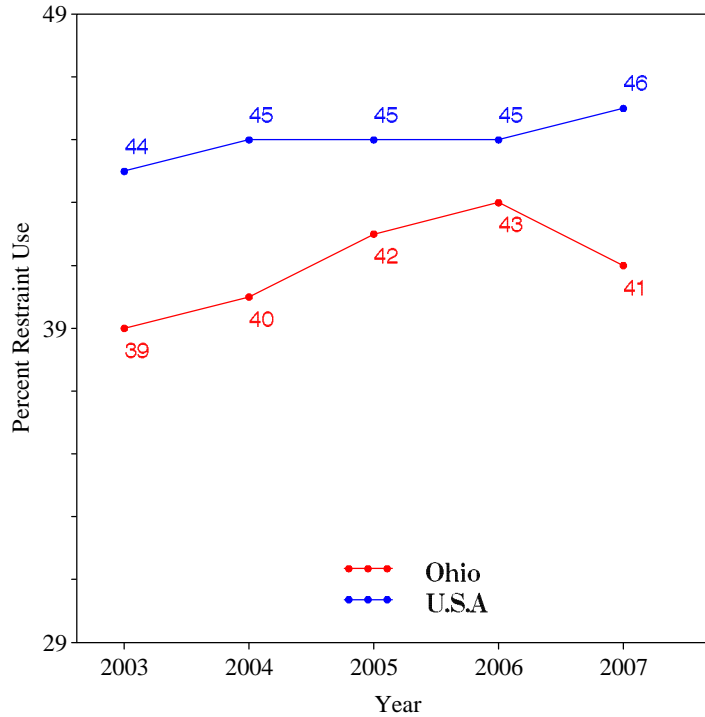
**Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

***USA Data: National Occupant Protection Use Survey. Ohio Data: State Survey

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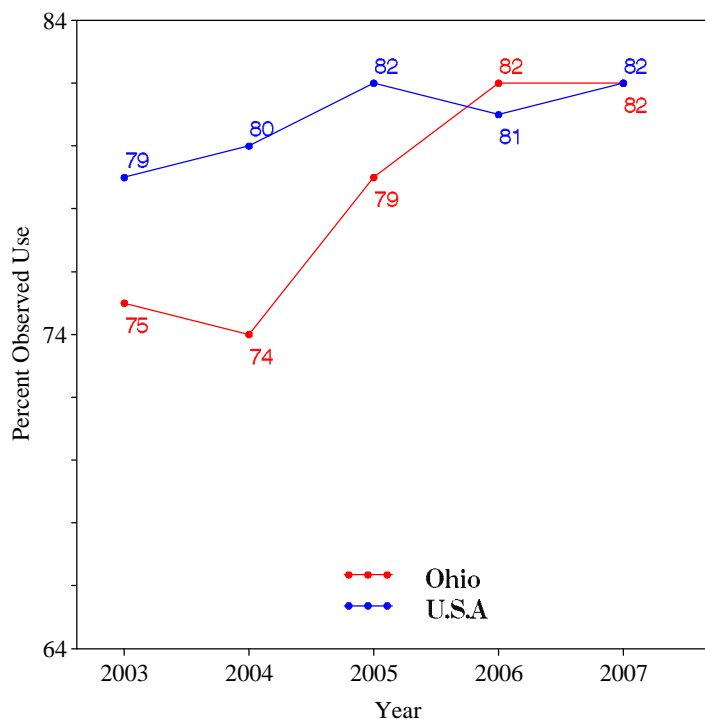


Passenger Vehicle Occupant Fatalities by Percent Restraint Use: Ohio and U.S



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Passenger Vehicle Occupants by Percent Restraint Use Observed: Ohio and U.S



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Passenger Vehicle Occupant Fatalities Aged 5 and Above by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged 5 and Above*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt Use	Potential Additional Lives Savable at 100% Usage
2003	974	369	605	383	203
2004	971	384	587	407	212
2005	998	416	582	445	191
2006	903	389	514	415	175
2007	895	362	533	409	179

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Passenger Vehicle Occupant Fatalities Aged Under 5 by Restraint Use and Lives Saved Estimates

Year	Passenger Vehicle Occupant Fatalities Aged Under 5*			Passenger Vehicle Occupant Lives Saved Estimates**	
	Total	Restrained	Unrestrained	Lives Saved at Current Belt and Child Seat Usage	Potential Additional Lives Savable at 100% Usage
2003	12	12	0	2	0
2004	8	6	2	10	1
2005	7	5	2	7	2
2006	9	7	2	10	1
2007	13	10	3	14	

*Unknown Restraint Use Was Proportionally Distributed Across Known Restraint Use

**Lives Saved Estimates

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Motorcyclist Fatalities by Helmet Use and Lives Saved Estimates

Year	Motorcycle Rider Fatalities*			Motorcycle Rider Lives Saved Estimates**	
	Total	Helmeted	Unhelmeted	Lives Saved at Current Helmet Use	Potential Additional Lives Savable at 100% Usage
2003	136	33	103	20	38
2004	134	36	98	21	37
2005	178	46	132	27	50
2006	158	40	118	24	44
2007	190	66	124	39	46

*Unknown Helmet Use Was Proportionally Distributed Across Known Helmet Use

**Lives Saved Estimates

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Fatalities by Person Type

Person Type		2003		2004		2005		2006		2007	
		#	%	#	%	#	%	#	%	#	%
Occupants	Passenger Car	692	19	689	19	681	18	632	18	607	17
	Light Truck - Pickup	138	4	135	4	140	4	122	3	120	3
	Light Truck - Utility	106	3	91	2	104	3	82	2	105	3
	Light Truck - Van	52	1	66	2	81	2	76	2	77	2
	Light Truck - Other	0	0	0	0	0	0	1	0	0	0
	Large Truck	11	0	28	1	18	0	27	1	14	0
	Bus	1	0	0	0	0	0	0	0	0	0
	Other/Unknown Occupants	26	1	24	1	9	0	23	1	16	0
	Total Occupants	1,026	28	1,033	28	1,033	27	963	27	939	26
Motorcyclists	Motorcycle	136	4	134	4	178	5	158	4	190	5
Non-Occupants	Pedestrian	99	3	94	3	95	3	96	3	107	3
	Bicyclist and Other Cyclist	8	0	19	1	13	0	17	0	17	0
	Other/Unknown Non-Occupants	5	0	6	0	2	0	4	0	4	0
	Total Non-Occupants	112	3	119	3	110	3	117	3	128	4
Total	Total	1,274	35	1,286	35	1,321	35	1,238	35	1,257	35

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Fatalities by Crash Type

Crash Type	2003	2004	2005	2006	2007
Total Fatalities (All Crashes)	1,274	1,286	1,321	1,238	1,257
- Single Vehicle (1)	625	675	667	664	701
- Involving a Large Truck (2)	151	190	177	158	134
- Involving Speeding (3)	263	272	276	253	277
- Involving a Rollover (4)	306	339	307	297	274
- Involving a Roadway Departure (5)	754	791	795	763	800
- Involving an Intersection (or Intersection related) (6)	281	315	358	317	290

(1) Crash Involved Only One Coded Vehicle

(2) Crash Involved at Least One Large Truck

(3) Crash Involved at Least One Vehicle Speeding

(4) Crash Involved at Least One Vehicle That Rolled Over

(5) Crash Involved at Least One Vehicle That Departed the Roadway (FHWA Definition)

(6) Crash Occured Within an Intersection or Within the Approach to an Intersection

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Motorcyclist Fatalities by Age

Year	Age						Total
	<20	20-29	30-39	40-49	50-59	>59	
2003	10	34	31	31	24	5	135
2004	7	35	28	43	11	7	131
2005	9	39	39	39	35	12	173
2006	4	43	29	39	33	9	157
2007	9	47	35	36	35	23	185

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Motorcyclist Fatalities Per 100,000 Registered Motorcycles*

Year	Motorcyclist Fatalities	Total Motorcycle Registrations	Motorcyclist Fatalities Per 100,000 Motorcycle Registrations
2003	135	286,378	47.14
2004	131	298,652	43.86
2005	173	308,811	56.02
2006	157	332,275	47.25
2007	185		

*Data Source: FHWA

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Top 10 Counties for Fatalities and Fatality Rates

Top 10 Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Franklin County	80	7.15
2	Cuyahoga County	67	5.17
3	Lucas County	60	13.58
4	Hamilton County	59	7.00
5	Montgomery County	52	9.66
6	Summit County	46	8.46
7	Stark County	35	9.24
8	Butler County	27	7.54
9	Wood County	27	21.53
10	Lorain County	26	8.60

Median Rate for all U.S. Counties: 20.32

Top 10 Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Paulding County	11	57.35
2	Wyandot County	11	48.95
3	Fayette County	13	45.92
4	Henry County	11	38.02
5	Perry County	11	31.57
6	Vinton County	4	29.91
7	Brown County	13	29.58
8	Morrow County	10	28.97
9	Seneca County	15	26.45
10	Logan County	12	25.93

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Top 10 Counties for Alcohol-Impaired Driving Fatalities and Alcohol-Impaired Driving Fatality Rates

Top 10 Alcohol-Impaired Driving Fatality Counties		Fatalities	Fatalities per 100,000 Population
1	Lucas County	29	6.45
2	Franklin County	27	2.41
3	Montgomery County	20	3.70
4	Cuyahoga County	18	1.42
5	Hamilton County	15	1.80
6	Summit County	15	2.72
7	Stark County	10	2.72
8	Clark County	10	6.91
9	Ashtabula County	9	9.10
10	Trumbull County	9	4.26

Median Rate for all U.S. Counties: 5.11

Top 10 Alcohol-Impaired Driving Fatality Rate Counties		Fatalities	Fatalities per 100,000 Population
1	Wyandot County	7	29.82
2	Henry County	5	17.28
3	Fayette County	4	15.19
4	Monroe County	2	14.03
5	Meigs County	3	13.10
6	Harrison County	2	12.90
7	Hocking County	3	10.36
8	Morrow County	4	10.14
9	Pickaway County	5	9.66
10	Clinton County	4	9.29

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